



Patent

Attorney Docket No. 1032487-000010

JRW/1657

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Dominique Bernard et al.

Application No.: 10/520,521

Filing Date: November 15, 2005

Title: USE OF ASPARTIC PROTEASES IN  
COSMETICS AND THERAPEUTICS

) Group Art Unit: 1656

) Examiner: CHIH MIN KAM

) Confirmation No.: 9358

SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTERCommissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a Second Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL &amp; ROONEY PC

Date April 20, 2007By: Mary Katherine Baumeister  
Mary Katherine Baumeister  
Registration No. 26254P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620



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Re Patent Application of

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**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Applicants request the Examiner's consideration of the documents listed on the accompanying form PTO-1449.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

This Statement, Form PTO-1449 and the listed documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

It is respectfully requested that an Examiner-initialed copy of the accompanying Form PTO-1449 be returned to the undersigned.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: April 20, 2007

By: Mary Katherine Baumeister  
Mary Katherine Baumeister  
Registration No. 26254

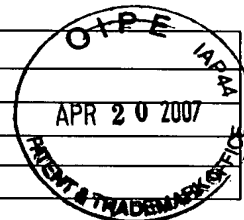
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Alexandria, VA 22313-1404  
703 836 6620

# **SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/520,521
Filing Date	November 15, 2005
First Named Inventor	Dominique Bernard et al.
Examiner Name	CHIH MIN KAM
Attorney Docket No.	1032487-000010



## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
✓	Janson et al. "Protein purification: principles, high resolution methods, and applications/", Book xi, 502p, 1989, published by VCH, New York, New York, summary.
✓	Mehul et al., "Identification and Cloning of a New Calmodulin-like Protein from Human Epidermis", The Journal of Biological Chemistry, Vol. 275, No. 17, pp. 12841-12847, 2000, published by the American Society for Biochemistry and Molecular Biology, Inc., US
✓	Meek et al., "Human immunodeficiency virus 1 protease expressed in <i>Escherichia coli</i> behaves as a dimeric aspartic protease", Proc. Natl. Acad. Sci, Vol. 86, pp. 1841-1845, March 1989, Biochemistry, published by the National Academy of Sciences for the United States, US.
✓	Kyte et al., "A Simple Method for Displaying the Hydropathic Character of a Protein", J. Mol. Biol., Vol. 157, pp. 105-132, 1982, published by Academic Press Inc. (London) Ltd., London, GB.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.